

QUIZ 7

1. Design flowchart, flowgraph and cyclomatic complexity (both region and basic method) for the following component code.

```
public class CC {  
    void main(void) {  
        int var1 = 10; int var2 = 9; int var3 = 8; int var4 = 7;  
        if (var1 == 10)  
        {  
            if(var2 > var3){  
                var2 = var3;  
            }  
            elseif (var3 > var4){  
                var3 = var4; }  
            else{ var4 = var1; }  
        }  
        else{  
            var1=var4;  
        }  
        print("Printing value for var1, var2, var3, and var4"+var1+" "+var2+" "+var3+" "+var4);  
    }  
}
```

2. Consider a program to classify a triangle input
 - a. Input: Triple of Positive integers (x,y,z) and the value ranges between 0 and 100
 - b. Output: Equilateral, Isosceles or not a triangle

Design a boundary value analysis test cases